

--FORM PTO-144  
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.:  
478.1063

SERIAL NO.:  
10/621.964

#### LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

**APPLICANT(S):**  
John STANFORTH et al.

**FILING DATE:**  
July 17, 2003

GROUP: 1614


## U.S. PATENT DOCUMENTS

*EXAMINE R INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SH	AA	4	5	2	1	4	2	1	06/04/85	Foreman	514	267	09/26/83
↓	AB	4	6	8	7	7	7	3	08/18/87	Neumeyer, et al.	514	280	05/31/85
	AC	5	2	9	2	5	2	0	03/08/94	de Haan, et al.	424	465	08/31/92
	AD	5	4	4	1	7	4	7	08/15/95	de Haan, et al.	424	465	02/09/94
	AE	5	7	5	6	4	8	3	05/26/98	Merkus	514	58	
	AF	5	7	7	0	6	0	6	06/23/98	El-Rashidy, et al.	514	284	10/20/95
	↓	AG	5	9	4	5	1	1	7	08/31/99	El-Rashidy, et al.	424	430

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

SH 	AL	Padma-Nathan, "Oral Drug Therapy for Female Sexual Dysfunction", Intl J of Impotence Research, Vol 12 Supp 3 (2000) pp S56 -S57
	AM	Alexander-Williams, et al., "Novel routes of opioid administration," Brit. J. Anaesth., 1998; 81:3-7
	AN	van Laar, et al., "Future delivery systems for apomorphine in patients with Parkinson's disease," Parkinson's Disease: Advances in Neurology, Lippincott Williams & Wilkins, Philadelphia, 1999; 80: 535-544.
	AO	Goldstein, et al., "Vasculogenic female sexual dysfunction: vaginal engorgement and clitoral erectile insufficiency syndromes," Int J Impotence Res, 1998; 10(Suppl. 2) S84-S90.
	AP	Chustecka, "New treatments for erectile dysfunction", Scrip Reports, PJB Publications Limited, (1998).
	AQ	Gower et al., "Antagonism of Drug-induced Yawning and Penile Erections in Rats", European J of Pharmac, Vol 122 (1986) pp 239-244

EXAMINER

/San Ming Hui/

DATE CONSIDERED

03/03/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 478.1063		SERIAL NO.: 10/621,964	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>  (Use several sheets if necessary)				APPLICANT(S): John STANIFORTH, et al.			
				FILING DATE: July 17, 2003		GROUP: 1614	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SH ↓ ↓ ↓ ↓ ↓ ↓ ↓	BA	5 9 8 5 8 8 9	11/16/99	El-Rashidy, et al.	514	284	06/22/98
	BB	5 9 9 4 3 6 3	11/30/99	El-Rashidy, et al.	514	284	08/24/98
	BC	6 1 2 1 2 7 6	09/19/00	El-Rashidy, et al.	514	284	06/22/98
	BD	6 1 9 3 9 9 2	02/27/01	El-Rashidy, et al.	424	430	07/02/99
	BE	6 2 0 0 5 9 1	03/13/01	Hussain, et al.	424	434	12/10/98
	BF	6 2 0 0 9 8 3	03/13/01	El-Rashidy, et al.	514	284	11/15/99
	BG	6 2 9 1 4 7 1	09/18/01	Kling, et al.	514	284	12/17/98
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
SH ↓ ↓ ↓ ↓ ↓	BH	9 9 0 9 8 2 8	03/04/99	WO (A1)	A01N	43/42	
	BI						
	BJ						
	BK						
	BL						
<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
SH ↓ ↓ ↓ ↓	BM	Uprima: Scientific Discussion re: Apomorphine in treatment of erectile dysfunction, Abbott Laboratories Ltd. (2001).					
	BN	Summary of Product Characteristics of Apomorphine 2mg and 3 mg sublingual tablets, Abbott Laboratories Ltd. (2001).					
	BO	Heaton et al., "The Characterization of a Bio-Assay of Erectile Function in a Rat Model", J of Urology, Vol 145 (1991) pp 1099-1102					
	BP	Heaton et al., "A Therapeutic Taxonomy of Treatments for Erectile Dysfunction: an Evolutionary Imperative", Intl J of Impotence Research, Vol 9 (1997) pp 115-121					
	BQ	Segraves et al., "Effects of Psychotropic Drugs on Human Erection and Ejaculation", Arch Gen Psychiatry, Vol 46 (1989)					
EXAMINER  /San Ming Hui/				DATE CONSIDERED  03/03/2007			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO.: 478.1063		SERIAL NO.: 10/621,964						
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)						APPLICANT(S): John N. STANIFORTH, et al.								
						FILING DATE: July 17, 2003		GROUP: 1614						
<b>U.S. PATENT DOCUMENTS</b>														
*EXAMINER INITIAL	CA	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SH ↓ V	CA	6	3	0	6	4	3	7	10/23/01	El-Rashidy, et al.	424	464	06/29/00	
	CB	6	3	4	2	2	5	1	01/29/02	Illum, et al.	424	501	06/02/00	
	CC	6	3	9	5	7	4	4	05/28/02	Adams, et al.	514	284	06/18/99	
	CD	6	4	3	6	9	5	0	08/20/02	Achari, et al.	514	284	06/16/99	
	CE	6	5	1	4	4	8	2	02/04/03	Bartus, et al.	514	220	09/19/00	
	CF	6	5	6	6	3	6	8	05/20/03	El-Rashidy, et al.	514	284	10/23/01	
	CG	6	5	2	8	5	2	1	03/04/03	Ruff, et al.	514	284	11/14/01	
<b>FOREIGN PATENT DOCUMENTS</b>														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
SH ↓ V	CH	9	9	2	7	9	0	5	06/10/99	WO(A1)	A61K	9/00		
	CI	9	9	3	8	4	6	7	08/05/99	WO(A1)	A61F	6/06		
	CJ	9	9	6	6	9	0	9	12/29/99	WO(A2)	A61K	31/00		
	CK	9	9	6	6	9	3	3	12/29/99	WO(A1)	A61K	31/505		
	CL	0	0	3	5	4	5	7	06/22/00	WO(A1)	A61K	31/485		
	CM	9	5	2	8	9	3	0	11/02/95	WO(A1)	A61K	31/485		
<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>														
SH ↓ V	CN	Laduron et al., "Domperidone, a Specific in Vitro Dopamine Antagonist, Devoid of In Vivo Central Dopaminergic Activity", Biochem Pharmac., Vol 28 (1979) pp 2161-2165												
	CO	Bladessarini et al., "Preclinical Studies of the Pharmacology of Aporphines", Basic Pharmac., Vol 1 (1981)												
	CP	Lal et al., "Effect of Domperidone on Apomorphine-Induced Growth Hormone Secretion in Normal Men", J of Neurotransmission, Vol 54 (1982) pp 75-84												
	CQ	Heaton, "Neural and Pharmacological Determinants of Erection", Intl J of Impotence Research, Vol 10 Supp 2 (1998) pp S34-S39												
	CR	Gancher et al., "Peripheral Pharmacokinetics of Apomorphine in Humans", Annals of Neurology, Vol 26 (1989)												
	CS	Heaton et al., "Recovery of Erectile Function by the Oral Administration of Apomorphine", Urology, Vol 45 No 2 (1995)												
	CT	Sachs et al., "Effects of Copulation on Apomorphine-Induced Erection in Rats", Pharmacol Biochem & Behavior, Vol 48 No 2 (1994) pp 423-428												
	CU	"Oral Medication for Impotence", TLC Pharmacy Men's Newsletter, Issue 2												
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														

/San Ming Hui/

03/03/2007

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO.: 478.1063		SERIAL NO.: 10/621,964						
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)						APPLICANT(S): John N. STANFORTH, et al.								
						FILING DATE: July 17, 2003		GROUP: 1614						
<b>U.S. PATENT DOCUMENTS</b>														
*EXAMINER INITIAL	DA	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SH	DA	5	7	7	0	6	0	6	06/23/98	El-Rashidy	514	284		
SH	DB	4	0	8	0	4	5	6	03/21/78	Seidelmann, et al.	424	258		
SH	DC	6	4	0	3	6	0	5	06/11/02	Heaton, et al.	514	284		
	DD													
	DE													
	DF													
	DG													
<b>FOREIGN PATENT DOCUMENTS</b>														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
SH	DH	0	0	7	6	5	0	9	12/21/00	WO(A1)	A61K	31/44		
	DI	0	1	7	4	3	5	8	10/11/01	WO(A1)	A61K	31/4375		
	DJ	0	1	7	6	6	0	2	10/18/01	WO(A1)	A61K	31/473		
	DK	0	1	8	2	9	0	6	11/08/01	WO(A1)	A61K	9/72		
	DL													
<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>														
SH	DM	Moyer, Female Sexual Dysfunction, Urch Publishing (August 1998)												
	DN	Lal, et al., "Apomorphine in the Evaluation of Dopaminergic Function in Man," Prog. Neuro-Psychopharmacol. & Biol. Psychiat. vol 12, pp. 117-164 (1988)												
	DO	Harvard Scientific (Harvard Scientific Corp., "Harvard Scientific Acquires Rights to Oral Treatment for Both Male and Female Sexual Dysfunction, pp. 1-3, (Jun. 12, 1998)												
	DP	New Perspectives in Management of Female Sexual Dysfunction: Agenda for Oct. 23-25, 1998 conference in Maine												
	DQ	Essink, et al., "Selective and Quantitative Isolation and Determination of Apomorphine in Human Plasma", J of Chromatography, Vol 570 (1991) pp 419-424												
	DR	Gancher et al., "Absorption of Apomorphine by Various Routes in Parkinsonism", Movement Disorders, Vol 6 No 3 (1991) pp 212-216												
	DS	Lal et al., "Effect of Bromocriptine in Patients with Apomorphine-Responsive Erectile Impotence: An Open Study", J Psychiatr Neurosci, Vol 16 No 5 (1991)												
EXAMINER		/San Ming Hui/ <span style="float: right;">03/03/2007</span>												
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 478.1063		SERIAL NO.: 10/621,964								
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>  (Use several sheets if necessary)				APPLICANT(S): John N. STANIFORTH, et al.										
				FILING DATE: July 17, 2003		GROUP: 1614								
U.S. PATENT DOCUMENTS														
*EXAMINER INITIAL	EA	DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION					
									YES	NO				
SH ↓	EB	0	2	2	4	2	0	2	03/28/02	WO (A1)	A61K	31/44		
	EC	0	2	3	9	8	7	9	05/23/02	WO (A2)	A61B			
	ED	2	0	02	02	42	0	2	03/28/02	WO(A1)	A61K			
	EE	1	9	99	06	69	0	9	12/29/99	WO(A2)	A61K			
	EF	0	4	7	5	4	8	2	03/18/92	EP	A61K	47/02		
	EG	0	6	8	9	4	3	8	01/03/96	EP	A61K	31/485		
	EH	1	2	2	4	9	3	3	07/24/02	EP	A61K	31/505		
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)														
SH ↓	EI	Fourcroy, "Issues and Priorities in the Development of Drug Treatments for Female Sexual Dysfunction", International J. Of Impotence Research, 10 Supp 2 (1998)												
	EJ	Fernandez-Guasti et al., "Separation of Dopaminergic and Serotonergic Inhibitory Mechanisms in the mediation of Estrogen-Induced Lordosis Behavior in the Rat", Pharm. Biochem. & Behavior, Vol 27 pp 93-98												
	EK	Heaton et al., "Effects of Castration and Exogenous Testosterone Supplementation in an Animal Model of Penile Erection", J of Urology, Vol 151 (1994) pp 797-800												
	EL	Goodman & Gilman, Pharmacological Basis of Therapeutics, 9 <sup>th</sup> Ed. pp 1-9												
	EM	Pehk et al., "Apomorphine and Haloperidol, but not Domperidone, Affect Penile Reflexes in Rats", Pharm Biochem & Behavior, Vol 31 (1998) pp 201-208												
	EN	Danjou et al., "Assessment of Erectogenic Properties of Apomorphine and Yohimbine in Man", Br J clin Pharmac, Vol 26 (1988) 733-739												
↓	EO	Tagliamonte et al., "Possible Stimulatory Role of Brain Dopamine in the Copulatory Behavior of Male Rats", Pharmac Biochem and Behavior, Vol 2 (1974) pp 257-260												
	EXAMINER						DATE CONSIDERED							
/San Ming Hui/						03/03/2007								
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY. DOCKET NO.: 478.1063		SERIAL NO.: 10/621,964																	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)						APPLICANT(S): John N. STANIFORTH, et al.																			
						FILING DATE: July 17, 2003		GROUP: 1614																	
<b>U.S. PATENT DOCUMENTS</b>																									
*EXAMINER INITIAL	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
SH																			20 02 01 65 1 2 2	11/07/02	Heaton et al.	514	1	05/02/02	
																			20 02 01 65 2 4 9	11/07/02	Achari et al.	514	289	01/31/02	
																			20 02 01 93 3 9 7	12/19/02	Achari et al.	514	295	01/31/02	
																			20 02 01 93 4 4 2	12/19/02	Heaton et al.	514	579	04/22/02	
																			20 03 00 17 1 1 5	01/25/03	Rabinowitz et al.	424	46	05/15/02	
																			20 02 00 35 9 9 3	03/28/02	Edwards et al.	128	203.15	06/08/01	
																			20 02 00 02 1 7 5	01/03/02	Behl et al.	514	282	11/06/01	
																			20 02 00 02 1 7 6	01/03/02	Gupta et al.	514	284	03/29/01	
																			20 02 01 65 1 2 2	11/07/02	Heaton et al.	514	1	05/02/02	
																			20 02 00 35 1 3 1	03/21/02	El-Rashidy et al.	514	321	10/03/01	
																			20 02 00 86 8 7 6	07/04/02	Ruff et al.	514	295	10/10/01	
																			20 02 01 27 1 8 8	09/12/02	Platz et al.	424	46	02/01/02	
																			20 02 01 61 0 1 7	10/31/02	Achari et al.	514	289	01/31/02	
																			20 03 00 91 5 1 2	05/15/03	Adjei et al.	424	46	09/03/02	
																			20 02 00 6 9 3 3	01/17/02	Gupta et al.	514	295	03/14/01	
																			20 03 00 92 7 2 5	05/15/03	Heaton et al.	514	288	05/20/02	
																			20 02 01 15 6 8 3	08/22/02	Ruff et al.	514	295	11/14/01	
<b>FOREIGN PATENT DOCUMENTS</b>																									
		DOCUMENT NUMBER								DATE		COUNTRY		CLASS		SUBCLASS		TRANSLATION							
																		YES	NO						
<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>																									
EXAMINER										/San Ming Hui/										DATE CONSIDERED			03/03/2007		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.																									

--FORM PTO-1449 (REV. 06-01)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 478.1063		SERIAL NO.: 10/621,964							
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S): John STANIFORTH et al.		FILING DATE: July 17, 2003							
				GROUP: 1614									
U.S. PATENT DOCUMENTS													
*EXAMINER INITIAL	AA	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AB												
	AC												
	AD												
	AE												
	AF												
	AG												
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES NO	
SH	AH	01	0	7	4	3	5	8	10/11/01	WO			
SH	AI	03	0	2	6	6	3	1	04/03/03	WO			
	AJ												
	AK												
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)													
SH	AL	"Inhaled Apomorphine Promising for Erectile Dysfunction Treatment," Pharmaceutical Journal; 09 August 03; United Kingdom; Vol. 271, no. 7261, p. 170											
	AM												
	AN												
	AO												
	AP												
	AQ												
EXAMINER /San Ming Hui/									DATE CONSIDERED 03/03/2007				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>													

